

All COR ISO Recommendations

Latent Condition, Seismic and ISS

Friday, October 12, 2012 12:26:28 PM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Latent Condition	517	Isomax	TKN Isocracker	2008	3-14	Are all equipment labels correct and unambiguous?	Equipment labels are sometimes not replaced after turnarounds.	Review the condition of plant equipment labels and upgrade as needed.	All equipment labels in the field are now accurate, a small amount of labeling needed to be done in the plant.	2/28/2009	Shockey, Gregory A.	Completed
Latent Condition	518	Isomax	TKN Isocracker	2008	3-19	Do switch labels identify discrete positions (e.g., ON or OFF, OPEN or CLOSE)?	Some of the 3-position Hand-Off-Automatic switches are not readable.	Review the condition of HOA switch labels and upgrade as needed.	wrote Maximo work orders to correctly identify the indications of the switches. Reference WR#'s 274470,274469,274471,274473, 274474,274475,274476,274477. Completion date scheduled for 5/31/09	5/31/2009	Lewis, Matthew A.	Completed
Latent Condition	519	Isomax	TKN Isocracker	2008	4-27	Are staff levels (both size and experience) sufficient to handle routine and nonroutine duties that can be reasonably expected to occur during a shift?	Concern is that the experience level of the operators is relatively low. The is usually 25% more than the minimum number of operators an a crew.	The team recommends that the number of operators on shift be kept over the basic crew size until more experience has been gained.	The intention is to continue with the current crew size and indoctrination and training of the existing recent hires. We are planning to hire more operators.	2/28/2009	Shockey, Gregory A.	Completed
Latent Condition	520	Isomax	TKN Isocracker	2008	4-7	Are field instrument indicators routinely checked for accuracy?	No, field instruments are only checked when there appears to be a problem.	Develop a list of critical instruments and create a program for the routine preventive maintenance of critical instrumentation.	Field instruments are checked when there appears to be discrepancy with other indicators or erratic readings. This procedure is working satisfactorily. We will continue with the current practice.	2/28/2009	Shockey, Gregory A.	Completed
Latent Condition	521	Isomax	TKN Isocracker	2008	5-71	Does lower management ensure that required procedures are developed and kept current to assure a safe work environment?	The task is assigned to the area trainer and EOM writer when one is assigned. Annual procedure review is conducted.	Many times MOCs are assigned off prior to P&ID, EOM and training material have been updated to reflect changes. The Stage 2 reviewers should be more diligent in the timely completion of the documentation.	Annual procedure the method used to assure that the procedures are kept up to date. This has produced satisfactory results.	2/28/2009	Shockey, Gregory A.	Completed
Latent Condition	522	Isomax	TKN Isocracker	2008	5-73	Is lower management aware of problems regarding procedure implementation and compliance?	Many times MOCs are assigned off prior to P&ID, EOM and training material have been updated to reflect changes. The Stage 2 reviewers should be more diligent in the timely completion of the documentation.	Many times MOCs are assigned off prior to P&ID, EOM and training material have been updated to reflect changes. The Stage 2 reviewers should be more diligent in the timely completion of the documentation.	The PSM group is aware of the situation and has begun monitoring the MOCs more closely, informing Section 2 reviewers of expectations and modifying the procedure to improve the quality of the documentation	2/28/2009	Storrs, Tim R.	Completed

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Latent Condition	619	Isomax	TKN Isocracker	2008	3-13	Are all equipment labels (e.g., vessels, piping, valves, instrumentation, etc.) easy to read (clear and in good condition)?	Equipment and control valve labels are in good condition. Line labels are informally marked with paint sticks and could use improvement - especially at the plant boundary	Review the condition of piping labels - particularly at the plant boundary and develop a list of needed labels and have the work done. Follow the standards contained in RI-302.	Since this recommendation was written the labeling has been improved and is very satisfactory condition on the piping in the North Isomax area including the the plant boundary area.	12/4/2009	Shockey, Gregory A.	Completed
ISS	2716	Isomax	TKN Isocracker	2008	4A1	Easy operation of valves designed to prevent inadvertent error?	Modules are identical and valves are not clearly marked. Some similar looking TKC equipment is located close to TKN	Equipment and piping for each module should be reviewed and labeled per the current refinery instruction on labeling (RI-302).	The TKN equipment is clearly identified in the field.	1/15/2010	Lewis, Matthew A.	Completed
ISS	2872	Isomax	TKN Isocracker	2008	4A23	Clear identification of equipment status – valves with rising stems, spectacle blinds, check valves with flow arrow?	Yes, rising steam valves and spectacle valves are used. Orbit valve indicators can be removed	Audit the TKN plant Orbit valves and replace any missing stem position indicators.	Did a field walk with Roberto Mora on 11/13/09 and verified that all orbit valves in field (TKN5) has a rising stem or had and position indicator intact	1/15/2010	Lewis, Matthew A.	Completed